



## CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Thyme ct thymol	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Thymus thymoliferum	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Thymus vulgaris (thyme) oil		
CAS TSCA:	8007-46-3	HS CODE:	3301.29
CAS EINECS:	84929-51-1	EINECS:	
FEMA:	3064	COE:	456n
COUNTRY OF ORIGIN:	Spain	FDA CODE:	182.2
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada	
PRODUCTION METHOD:	Steam distilled	 	
PART DISTILLED:	Flowers		
LOT NUMBER:	EAB849849ES39221B		
PRODUCTION DATE:	07/2020		
EXPIRATION DATE:	07/2024		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Pale yellow to reddish yellow clear liquid</i>	<i>Complies</i>
ODOR	<i>Characteristic thymol odor. Warm, Spicy, Pungent</i>	<i>Complies</i>
SOLUBILITY	<i>N/A</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.907 - 0.934 @ 25°C</i>	<i>0.934</i>
OPTICAL ROTATION:	<i>'-1.8 - +5.0 @ 20°C</i>	<i>-1</i>
REFRACTIVE INDEX:	<i>1.487- 1.504 @ 20°C</i>	<i>1.501</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>N/A</i>

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Thymus thymoliferum

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% TOTAL: 97.54	COMPONENTS
1.97	<i>Alpha-thujene + Alpha-pinene</i>
0.41	<i>Camphene</i>
0.44	<i>Beta-pinene</i>
0.09	<i>Delta-3-carene</i>
1.82	<i>Myrcene</i>
0.20	<i>Alpha-phellandrene</i>
1.53	<i>Alpha-terpinene</i>
0.40	<i>Limonene</i>
0.30	<i>Beta-phellandrene</i>
0.01	<i>1,8-Cineole</i>
10.02	<i>Gamma-terpinene</i>
18.43	<i>Para-cymene</i>
0.13	<i>Terpinolene</i>
0.18	<i>Trans-thujanol</i>
0.20	<i>Trans-sabinene hydrate</i>
0.08	<i>Camphor</i>
3.89	<i>Linalool</i>
0.11	<i>Cis-Sabinene Hydrate</i>
0.22	<i>Carvacrol methyl ether</i>
0.86	<i>Terpinen-4-ol</i>
1.30	<i>Beta-caryophyllene</i>
0.14	<i>Alpha-terpineol</i>
0.87	<i>Borneol</i>
0.06	<i>Geraniol</i>
0.14	<i>Caryophyllene oxide</i>
50.35	<i>Thymol</i>
3.39	<i>Carvacrol</i>

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